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ABSTRACT

The invention includes computer instructions that operate to generate a failure indication upon encountering a failure during an operation performed for a user design.

Arf The instructions further operate to automatically facilitate a user in determining a solution

5 for the failure. As a result, the invention provides improved error reporting and recovery.

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ABSTRACT

A method and apparatus for processing and representing error messages within a computer-aided design environment is described. The present invention allows error/warning information to be stored in a central storage location by the function in which the error/warning causing fault occurs. The function then returns a result indicating that the function did not perform as expected. The calling function does not add an error/warning message of its own when returning, if necessary, to another calling function. Thus, only a single warning/error message can be stored and used for reporting the fault that caused the error/warning. In one embodiment, a hierarchical graphical error/warning log provides varying levels of error/warning information in response to user input.